

Tan Do

Professor David Turner

CSE 575

Report for Internship

During the internship with professor Ken Han, I have learned many things about Android front-end developing, and a little bit about the back-end server. Professor Ken asked me to make an informative android app that the users of this app can track, check, get notifications from the server, and also the users will be provided with some useful utilities such as GPA calculator, and tracking the current location. Professor Ken also required that the process of creating this app must be recorded in step by step tutorial format just similar to his labs for all of his CSE courses.

By creating this app, I have experienced about how the app and the server work together. I have used Volley library and AsyncTask to retrieve JSON objects from server and parse those JSON objects into the app. Also, I used MySQL to store the data, and PHP as a bridge to connect the server to the app. I also applied the location service that used the GPS of the android device to let the users check for their current location. Furthermore, I have learned to use photoshop to make some logos and images.

When recording the developing process of this app in detailed tutorial, I understand more about concepts of the libraries and classes that I used to create this app. The tutorials are not only helping me to memorize the concepts, but it also can be a good documentation for me in the future.

I have finished the app, and showed it to professor Ken. Professor Ken is satisfied with the app, and I also give him all the detailed tutorials. Here is the apk of this app:

<https://github.com/tando89/CSE575.git>